

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of) Examiner: D. VARGAS
 W. MENS)
 Serial No.: 10/553,327) Art Unit: 2859
 Filed: October 14, 2005) Confirmation: 1211
)
 For: MAGNETIC RESONANCE)
 IMAGING WITH)
 HISTOGRAM-BASED)
 PHASE CORRECTION)
)
 Mailing Date of Last Office Action:)
 April 9, 2007)
)
 Attorney Docket No.:) Cleveland, OH 44114
 PHNL030372US/ PKRZ 2 01133) July 3, 2007

AMENDMENT B

Commissioner For Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This paper is responsive to the Office Action mailed April 9, 2007.

Amendments to the claims are reflected in the listing of claims which begins on page 2.

Remarks begin on page 6.

CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this Amendment B and accompanying documents in connection with U.S. Serial No. 10/553,327 are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

July 5, 2007
 Date

Patricia A. Heim
 Patricia A. Heim

DEPOSIT ACCOUNT

The Patent Office is authorized to charge any fees associated with this filing to our deposit account no. 14-1270

T. Lundin

Thomas M. Lundin, Reg. No. 48,979